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- (71) Applicant (for all designated States except US): NEX-GEN BIOTECHNOLOGIES INC. [KR/KR]; 2Fl. Yurim Bldg., 65-1, Wonchon-dong, Yusung-gu, 305-370 Daejon Metropolitan City (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LEE, Sun [KR/KR]; 108-703 Sejing Apartment, Jeonmin-dong, Yusung-gu, 305-390 Daejon City (KR). YOO, Jae-Geun [KR/KR]; 112-301 Hansoop Apartment, Yongjeon-dong, Dong-gu, 300-768 Daejon City (KR). CHANG, Suxo [KR/KR]; 25-41, Seodoon-dong, Kwonseon-gu, 441-853 Suwon-shi, Kyonggi-do (KR).

- (74) Agent: SESHIN PATENT & LAW FIRM; 8th Fl., KFSB Bldg., 16-2 Yeoedo-dong, Yeongdeungpo-gu, Seoul 150-010 (KR).
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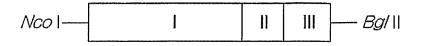
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(54) Title: METHOD FOR PREPARATION AND PURIFICATION OR RECOMBINANT PROTEINS

AFPN



- I. AFP gene or Identically functioning gene
- II. Enterokinase recognition site: Asp Asp Asp Lys

gac gac gac aag

III. Cloning site: GCTCTAGAGGATCCATAGATCT

Xba | Bam HI stop Bal II

(57) Abstract: The present invention relates to a method for the production, isolation, and purification of a recombinant protein, more particularly, to a method for isolating and purifying a foreign protein stably using Anti-Freeze Protein (AFP), thereby producing the protein. The present invention provides a method for the production, isolation and purification of a foreign target protein using its recombinant protein containing AFP, and a construct, an expression vector, a transformant and a recombinant protein. The recombinant protein produced by the present invention shows the biological property and function identical to a naturally occurring protein. Particularly, the present invention is advantageous for the expression and purification of a useful protein.



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